

RUGA, A. S.

memo 348. Change the mullite-block cooling-system. -- A. S. RUGA and T. I. SEREGIN (*Glass & Ceramlet*, Moscow, 12, No. 6, 13, 1955). In Russian. Criticism of a complicated system for cooling the mullite blocks used in Russian glass-tanks (9 figs.)

RUGA, A. S.

1ST AND 3RD DEGREES	2ND AND 4TH DEGREES
PROCESSES AND PROPERTIES INDEX	
e	Medium (temperature) repair of tank furnaces. A. A. LITVAKOVSKI AND A. S. RUGA. <i>Stekol'naya i Keram. Prom.</i>, 1946, No. VI-12, pp. 7-8.—Medium temperature repair of tank furnaces at the Gor'kiy glass plant prolonged the furnace campaign between ordinary cold repairs to 3 years instead of 1.5 years. The salient features of the method are as follows: the glass melt is not withdrawn from the tank furnace, the feeding of generator gas into the tank furnace is completely stopped, the Fourcault channel is heated during the repairs in the usual manner, cooling and reheating are accelerated, and repairs are widely distributed. B.Z.K.

1ST AND 2ND ORDER										3RD AND 4TH ORDER									
PROCESSES AND PROPERTIES INDEX																			
e Medium (temperature) repair of tank furnaces. A. A. LITVAKOVSKI and A. S. RUDA. <i>Steklo'naya i Keram. Prom.</i>, 1966, No. 11-12, pp. 7-8. —Medium temperature repair of tank furnaces at the Gor'kiy glass plant prolonged the furnace campaign between ordinary cold repairs to 3 years instead of 1.5 years. The salient features of the method are as follows: the glass melt is not withdrawn from the tank furnace, the feeding of generator gas into the tank furnace is completely stopped, the Pourcault channel is heated during the repairs in the usual manner, cooling and reheating are accelerated, and repairs are widely distributed. B.Z.K.																			
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION																			
1ST ORDER										2ND ORDER									
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1ST AND 2ND LETTER																										2ND AND 4TH CROSS																										WATERHALL INDEX																									
1ST AND 2ND LETTER																										2ND AND 4TH CROSS																										WATERHALL INDEX																									
Ruga, A. S. and Tamarin, M. D. DESTRUCTION OF SILICA BRICK IN TANK FURNACES. <i>Keram. i Steklo</i>, 11 [12] 19-23 (1935).—The basic factor producing the rapid destruction of silica brick of the crown and burners is the chemical inter-reaction of the brick with the vapors from the batch. Analysis of the destroyed parts of brick show the lowering of SiO_2 and a marked increase in Na_2O, Al_2O_3, and Fe_2O_3 contents; some SO_2 was also detected.																																																																													

Ruga, A.S.

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100

RUGA, A.S.; SEREGIN, T. I.

~~SECRET~~

The cooling method of mullite beams should be changed. Stek.
i ker. 12 no.6:13-16 Je '55. (MIRA 8:9)
(Glass manufacture) (Refractory materials)

1ST AND 2ND DEGREE										3RD AND 4TH DEGREE									
PROCESSES AND PROPERTIES INDEX																			
CA Medium-temperature repair of tank furnaces at the Gor'kii glass works. A. S. Rupa. <i>Sstekol'snye i Keram. Prom.</i> 3, No. 11/12: 7-8(1040).—Medium-temp. repair method is based on following: glass melt is not withdrawn from the tank furnace, feeding of generator gas into tank furnace is completely stopped, Pourcault channel is heated during repairs in the usual manner, cooling and reheating are accelerated, and repairs are widely distributed. Service of tank furnace between repairs was raised from 1.5 to 3 yrs. B. Z. Kamich 19																			
ASB.SLA METALLURGICAL LITERATURE CLASSIFICATION																			
1ST DEGREE										2ND DEGREE									
1ST DEGREE										2ND DEGREE									

C.A.

Automatic measuring tanks for liquids containing sus-
pended mechanical admixtures. D. A. Rago. *Ognespory*
13, 153-5 (1930).—Illustrated description of two types:
one is installed on the delivery line of circulating system (for
milk of lime, quartzite slime, etc.) and the other is installed
below the reservoir or agitator. B. Z. Kamich

COMMON ELEMENTS										PROCESS AND PROPERTIES INDEX										COMMON VARIABLE INDEX									
COMMON ELEMENTS										PROCESS AND PROPERTIES INDEX										COMMON VARIABLE INDEX									
Automatic measuring tanks for liquids containing suspended mechanical admixtures. D. S. RYGA. <i>Ogneupory</i>, 15 [4] 153-55 (1950).—An illustrated description is given of two types: one is installed on the delivery line of the circulating system (for milk of lime, quartzite pulp, etc.), and the other is installed below the reservoir or agitator. B.Z.K.																													
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CA

19

Changing the process of Dinas production as a means of
combating dust. D. S. Ruz. *Ognebory* 14, 431-44
(1949). R. Z. K.

15(2)

AUTHOR:

Ruga, D. S.

SOV/131-59-3-2/18

TITLE:

Model Design of a Press Department With a Capacity of 200,000 t Refractory Chamotte Products per Year (Tipovoy proyekt pressovogo otdeleniya proizvoditel'nost'yu 200 tys. t shamotnykh ogneuporov v god)

PERIODICAL:

Ogneupory, 1959, N= 3, pp 101-107 (USSR)

ABSTRACT:

The present abstract to be discussed deals with a model design worked out by the Vsesoyuznyy institut ogneuporov (All-Union Institute for Refractories). The design comprises the working process from the charge bunkers to the pressing of the products and settling them on the hoppers. In this design the latest achievements in the field of pressing by means of the "half-dry" method are dealt with in detail. A comparison of the characteristic coefficients (see table) shows that the arrangement of the press departments is determined by the solution of the mass transport and the settling of the unworked pieces on the hoppers. Apart from the characteristic coefficients of the model design also the characteristic coefficients of the Vostochno-Sibirskiy shamotnyy zavod (East Siberian Chamotte Plant) as well as of the Karagandinskiy ogneuporny zavod (Karaganda Plant for Refractories) are mentioned in the table. The model design was

Card 1/2

Model Design of a Press Department With a Capacity of 200,000 t Refractory
Chamotte Products per Year

SOV/131-59-3-2/18

carried out in two variants: the first variant (Figs 1 and 2) for the case that the production share of the products pressed on the presses of 1,200 t and SM-143 does not exceed 85 % of the entire production and the second variant (Fig 3) holds for the contrary case. Further, the model design describes the arrangement of the auxiliary machinery and apparatus (bunker with dosing apparatus, edge runners with automatic control by means of a predictor of the KEP-12/4 type and the intermediate relay EP-41. Conclusions: the working out of the project design of a model press department comprises the economically best solutions with a maximum of mechanization and automation and provides for the establishment of new constructions of presses. The production of an efficient machinery to produce high-quality refractories has to be continued. Criticism expressed by readers may be of advantage for the project. - There are 4 figures and 2 tables.

ASSOCIATION: Vsesoyuznyy institut ognepetrov (All-Union Institute of Refractories)

Card 2/2

RUGA, D.S.

30342

Izmeneniye tekhnologii proizvodstva dinasa kak sredstvo bor'by s pyl'yu. Ogneport, 1949,
No 10, s. 431 - 44. — Bibliogr: 14 nazv.

SC: LETCPIS' No. 34

RUGA, D. S., Engr.

"Changing the technology of Dinas brick
production in order to eliminate dust"

Ogneupory, No. 10, 1949

NORKINA, S.P.; OREKHOVSKAYA, Ye.P.; RUGACHEVA, P.U.; YEL'KINA, G.A.;
MARSHUNOVA, G.N.

Development of Azotobacter in Chernozem soils. Trudy Vses. inst.
sel'khoz. mikrobiol. no.14:49-62 '58. (MIRA 15:4)
(Karabalynskiy District—Chernozem soils) (Azotobacter)

RUGADZE, A. K.

See 1) Mech
4

Mathematical Reviews
Vol. 15 No. 1
Jan. 1954
Mechanics

naturally twisted composite beams. Soobščeniya Akad. Nauk Gruzin. SSR 13, 73-80 (1952). (Russian)

Rughadze, A. K. The problem of stretching of naturally twisted beams composed of various elastic materials. Soobščeniya Akad. Nauk Gruzin. SSR 13, 137-144 (1952). (Russian)

Rughadze, A. K. The problem of bending by couples of naturally twisted prismatic beams composed of various elastic materials. Soobščeniya Akad. Nauk Gruzin. SSR 13, 265-272 (1952). (Russian)

Sarangiya, A. G. On bending by couples of a twisted beam composed of different materials. Soobščeniya Akad. Nauk Gruzin. SSR 13, 389-396 (1952). (Russian)

The problems of extension, torsion and bending by end couples of prismatic beams composed of different elastic materials were formulated and solved under certain restrictions by N. I. Mushelišvili [C. R. Acad. Sci. Paris 194, 1435-1437 (1932); Izvestia Akad. Nauk SSSR. Otd. Mat. Estest. Nauk (7) 1932, 907-945]. A detailed account of the state of problems up to 1949 is contained in Mushelišvili's monograph, "Some fundamental problems of the mathematical theory of elasticity" [3rd ed., Izdat. Akad. Nauk SSSR, Moscow-Leningrad, 1949, pp. 538-591; these Rev. 11, 626].

The object of the papers under review is to extend the Mushelišvili solutions to composite initially twisted beams. The cross-section S of the beam is assumed to consist of several closed nonintersecting simply connected domains S_i ($i = 1, 2, \dots, m$), contained within a closed region S_0 .

(over)

RUGAL'EV, M. I., inzhener.

Hydraulic resistance of a grid. Gidr.stroi. 24 no.5:41-42 '55.
(Hydraulic engineering)

MATSYUK, L.; RUGALEV, N.; GURBONOV, Ye., red.; SHTOKVISH, S.,
tekhn. red.

[Corn as a leading crop; work practices used in row crop
cultivation by L.D.Pynzar', team leader on the "Sovetskii
pogranichnik" Collective Farm, Yedintsy District] Kukuza -
vedushchaia kul'tura; opyt vyrashchivaniia propashnykh kul'-
tur L.D.Pynzar' - zven'evoi kolkhoza "Sovetskii pogranichnik"
Edinetskogo raiona. Kishinev, Izd-vo Sel'khoz.lit-ry M-va
proizvodstva i zagotovok sel'khozproduktov Moldavskoi SSR,
1962. 10 p. (MIRA 15:7)

(Moldavia--Corn (Maize))

KUTSEV, V.P.[deceased]; BROD, I.O., prof., doktor geol.-min.nauk, otv.red.;
Prinimali uchastiye: KRYMOV, V.P., mladshiy nauchnyy sotrudnik;
SAMSONOV, L.G., mladshiy nauchnyy sotrudnik; KUSAKIN, M.N.,
laborant; RUGALEVA, A.M., laborant; SIBILEVA, V.I., laborant;
KOLONTAROV, A.P., red.izd-va; GUS'KOVA, O.M., tekhn.red.

[Materials on the geology, and oil and gas potentials of eastern
Ciscaucasia] Materialy po geologii i nefte-gazonosnosti Vostochno-
nogo Predkavkaz'ia. Moskva, 1960. 178 p.

(MIRA 13:12)

1. Akademiya nauk SSSR. Kompleksnaya neftegazovaya geologicheskaya ekspeditsiya. 2. Nachal'nik Kompleksnoy Severo-Kavkazskoy neftyanoy ekspeditsii AN SSSR, 1952-1955 (for Brod).
3. Dagestanskiy filial AN SSSR (for Krymov, Samsonov).
(Caucasus, Northern--Petroleum geology)
(Caucasus, Northern--Gas, Natural--Geology)

HUGALEVA, N.A. (Khar'kov).

New data on the performance of siphons. Vod. i san. tekhn. no. 5:24-28
My '58. (MIRA 11:6)

(Sewer pipe)

RUGAREANU, N.

"Management of the selection forest; suggestions regarding management in our forests." III
p. 5. (REVISTA PADURILOR, Vol. 68, no. 12, Dec. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April 1954, Uncl.

YEGOROVA, N.G.; KUZNETSOVA, V.Ye.; KUPRIKHIN, V.I.; MARTYNOV, B.P.;
HUGAYEVA, V.A.; FEDOROVA, L.P.; CHUYAN, K.I.[deceased];
SHTRUK, G.G., inzh., red.; GORDEYEVA, L.P., tekhn.red.

[General engineering time norms for cold forging] Obshche-
mashinostroitel'nye normativy vremeni na kholodnuiu shtampovku.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959.
151 p. (MIRA 13:7)

1. Moscow. Nauchno-issledovatel'skiy institut truda. Tsentral'-
noye byuro promyshlennykh normativov po trudu.
(Forging)

GORETSKAYA, Z.D.; BARANOVSKIY, Yu.V.; BERLINER, M.S.; BRAKHMAN, L.A.;
KUZNETSOVA, N.I.; MALYAROV, L.N.; CHUYAN, K.I.; DOBRUSINA, Ye.M.;
LEONT'YEV, I.B.; MARTYNOV, B.P.; ROSLYAKOVA, S.V.; RUGAYEVA,
V.A.. Prinsipal uchastiye DMITRIYEV, I.P.. STRUZHESTRAKH, Ye.I.,
inzh., red.; EL'KIND, V.D., tekhn.red.

[General engineering norms for cutting operations and time for
broaching] Obshchemashinostroitel'nye normativy rezhimov rezaniya
i vremeni na protiazhnye raboty. Moskva, Gos.nauchno-tekhn.izd-vo
mashinostroit.lit-ry, 1959. 73 p. (MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy institut truda. Tsentral'noye
byuro promyshlennykh normativov po trudu. 2. Rabotniki Nauchno-
issledovatel'skogo instituta tekhnologii avtomobil'noy promyshlennosti
(NIITavtoprom) (for all, except Struzhestrakh, El'kind).
(Broaching machines)

RUGE.

MORZYCKI, Jerzy; MORZYCKA, Maria; GEORGIADIS, Jerzy; TOMASZUNAS,
Stanislaw; RUGE, Jerzy; ZEBEK, Maria

Bacteriologic, bacteriophagic and chemical studies on the
Warsaw-Ujscie stretch of Vistula. Bull. State Inst. Marine Trop.
M. Gdansk Vol.5:255-266 1953.

1. Z Panstwowego Instytutu Medycyny Morskiej i Tropikalnej w
Gdansku.

(WATER,

*river pollution in Poland)

RUC., J.
BOGUSLAWSKI, W.; BIEGUSZEWSKI, Z.; RUGE, J.

Determination of carbon monoxide in air in certain shipyard halls.
Med. pracy 5 no.3:181-185 1954.

1. Z Panstwowego Instytutu Medycyny Morskiej i Tropikalnej. Dzial
Medycyny Pracy. W Gdansk.

(AIR POLLUTION,

carbon monoxide, determ. in shipyards)

(CARBON MONOXIDE, determination,
in air, in shipyards)

RUGE, JERZY

/ Bacteriological, bacteriophagic, and chemical investigations of the Vistula River in the section from Warsaw to the river's mouth. II. Jerzy Morzycki, Maria Morzycka, Jerzy Georgiades, Stanislaw Tomaszunas, Jerzy Ruge, and Maria Zebek (Państwowy Inst. Med. Morskiej i Tropikalnej, Gdańsk). *Bull. State Inst. Marine and Trop. Med.* Gdańsk, Poland 5, 255-68(1953).—The concn. of free O_2 gave the best index of pollution in the samples of H_2O taken in the vicinity of bigger settlements, of urban and industrial sewers, and near the mouths of the river's tributaries. No correlation was found between pollution and pH , CO_2 , and Cl concn. L. J. Piotrowski

MÜGE, SOPHUS.

Die sibirische Eisenbahn. [The Trans-Siberian railroad]. Vortrag. Dresden,
Zahn & Jaen, 1901. 42 p. (Jahrbuch der Gehe-stiftung zu Dresden. bd. 8,
hft 1.)

DLC: HE3380.T7R9

SC: Soviet Transportation And Communications, A Bibliography, Library of Congress,
Reference departmen, Washington, 1952, Unclassified.

ROGE-LEHARTO-ICZ; R

"Influence of acidity on the electrical conductivity of milk." p. 91
(Poczniki, Vol. 5, No. 1, 1954, Warsaw)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June.
1954, Uncl.

RUGE-LENARTOWICZ, ROMUALDA

Poland/Chemical Technology - Chemical Products and Their Application. Food Industry,
I-28

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63668

Author: Ruge-Lenartowicz, Romualda

Institution: None

Title: Effect of Acidity on Electric Conductivity of Milk

Original

Periodical: Wplyw kwasowosci na przewodnictwo elektrolityczne mleka. Rocz. Panstw.
Zakl. Hig., 1954, 5, No 1, 91-102; Polish; Russian and English resumés

Abstract: Investigation of the correlation between specific conductivity (SC) of whole milk (38 specimens) and diluted milk (27 specimens) and the acidity within the interval 7-27° Sochlet-Henkel (SH). It was found that on increase in the acidity of whole and diluted milk SC at 25° increases on the average by $0.8 \pm 0.1 \cdot 10^{-4} \text{ ohm}^{-1} \text{ cm}^{-1}$ per 1° SH. SC of most specimens of whole milk at 7° SH was $51.68-57.84 \cdot 10^{-4} \text{ ohm}^{-1} \text{ cm}^{-1}$, under the same conditions diluted milk has a SC $< 51.0 \cdot 10^{-4} \text{ ohm}^{-1} \text{ cm}^{-1}$. The more water is added the less is the decrease of SC.

Card 1/2

Poland/Chemical Technology - Chemical Products and Their Application. Food Industry,
I-28

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63668

Abstract: Determined were the mean values of SC decrease in milk per 1% of
added water: in the interval 0-20%, $0.35 \cdot 10^{-4}$; 20-40%, $0.278 \cdot 10^{-4}$;
40-60%, $0.208 \cdot 10^{-4}$; 60-80%, $0.15 \cdot 10^{-4}$; 80-100%, $0.161 \cdot 10^{-4}$; 100-
150%, $0.108 \cdot 10^{-4}$; 150-200%, $0.072 \cdot 10^{-4}$ ohm⁻¹ cm⁻¹.

Card 2/2

KUGEL-LEINER

the adulteration of milk by dilution. The range of adulteration of milk by dilution is from 10 to 25 per cent. The adulteration of milk by dilution can be detected by the following methods:

Country	: Poland	H-28
Category	: Chemical Technology. Chemical Products and Their Applications. -- Food Industry.	
Abs. Jour.	: R. Zh. - Khim., No. 11, 1959	40541
Author	: Ruge-Lenartowicz, R.	
Institut.	: Not given	
Title	: On the Addition of Water to Buttermilk	
Orig Pub.	: Roczniki Panstw Zakl Hig, 8, No 2, 189-197 (1957)	
Abstract	: The author has investigated the effect of the dilution of buttermilk (B) with water on the physico-chemical properties of B. The lowering of the average value of a number of parameters by the addition of 10% water has been determined experimentally and computationally. In the case of B of sp gr 1.0308, the average drop is 0.00315; in the case of whey of sp gr 1.0243, the average drop is 0.00242 (for whey of refraction index 37.40, the average drop in the latter parameter is 2.21). Good agreement was obtained between the calculated values and the experimental results. The degree of dilution of the B can be estimated from the sp gr of the B and	
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L 8957-66 EWT(d)/EWP(c)/EWP(v)/T/ENP(k)/EWP(l)/ETC(m) WW	
ACC NR: AP5026549	SOURCE CODE: UR/0286/65/000/019/0096/0096
AUTHORS: Zaleskiy, V. V.; Potapchenko, V. A.; Titkov, B. P.; Kamanin, V. S.; Orlov, A. M.; Rugayev, E. I. 74.55 74.55 74.55 74.55	
ORG: none	67 B
TITLE: An ultrasonic defectoscope. Class 42, No. 175301 [announced by Scientific Research Institute of Machine Construction (Nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya)] 44.55	
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 96	
TOPIC TAGS: defectoscope, defect indicator, error minimization, ultrasonic equipment, ultrasonic inspection, ultrasonic sensor	
ABSTRACT: This Author Certificate presents an ultrasonic defectoscope for inspecting items by the shadow method. The defectoscope contains an ultrasonic oscillator and also an oscillation transmitter and receiver, both mounted on the item being inspected. The device is designed to eliminate the error caused by fluctuations of the signal amplitude of the receiver under the influence of changing dimensions of the item made of material with a large ultrasonic absorption coefficient. A modulator is included in the receiver circuit, and the output voltage of this modulator is used for feeding the feedback voltage to the oscillator. The modulator output voltage possesses a fairly high inertia for preventing a change of the oscillator signal level under the action of sharp, brief signal changes caused by the defects. An auxiliary receiver which is used for the voltage control of the oscillator may be mounted on the surface of the	
Card 1/2	UDC: 620.179.16

L 8957-66

ACC NR: AP5026549

item adjacent to the base.

SUB CODE: 09, 13/ SUBM DATE: 03Feb64

BYK
Card 2/2

NIAGN, V.; DUVAM, S.; RUGENDOR, Ye.

Treatment of tumors of the bladder with radioactive cobalt.

Urologiia 26 no.1:52-56 '61.

(MIRA 14:3)

(COBALT--ISOTOPES)

(BLADDER--TUMORS)

TANE, Tina; RUCENIORFF, B.W.; MIHALIA, V.

Method of early diagnosis of urinary lithiasis. Stud. cercet. med.
Intern. 5 no.3:319-326 '64.

ULMEANU, F.C., prof.; MESTES, E.; RUGENDORFF, E.W.

Experimental radiomicroangiographic investigations during effort.
Rumanian M Rev. no.1:273-274 Ja-Mr '61.

1. Chair of Physiology of the Institute of Physical Culture. Head of
the Chair: Professor F.C. Ulmeanu.

(EXERTION physiology) (BLOOD CIRCULATION)

(ANGIOGRAPHY experimental)

BURGHELE, Th., academician; COVALIU, Tina; RUGENDORFF, E.W.; MIHAILA, V.

Diagnostic and therapeutic importance of complex investigations
in urinary lithiasis. Stud. cercet. med. intern. 6 no.2:
197-204 '65.

THEODORESCU, B., Prof.; CUNESCU, V., dr.; DIMITRIU, D., dr.; VLAD, C., dr.;
RUGENDORFF, E. W., dr.

Hemodynamic changes and circulatory function tests in mitral
stenosis. Med. int., Bucur. 8 no.3:360-372 July 56.

1. Lucrare efectuata in Clinica medicala a Spitalului "Coltea"
si in Clinica Chirurgicala a Spitalului "Panduri."

(MITRAL STEOSIS, blood in
hemodynamic changes & circ. funct. tests)

The asphaltite from the Lower Cambrian blue clay of Kunda (Estonia). L. Ruge, *Z. deut. geol. Ges.* 95, 40-53(1903); *Chem. Zentr.* 1903, II, 990.—Several samples were examd. Analysis gave C 72.23, H 8.95, N 1.1, O 7.52, ash 5.2%. The d. was 1.118 at 19.3° and 1.131 at 18°. The sample was deep black, with strong luster and brown-black streak. Hardness is between 2 and 3, nearer 2. At room temp. the substance is brittle and remains so up to about 40°. The softening point lies considerably above 100°. Heated on a Pt sheet the substance does not flow but swells strongly while it burns with a yellow, very sooty flame. The residue is a porous coke. The material is readily sol. in CCl_4 , CS_2 , CHCl_3 and turpentine, less sol. in benzene, almost insol. in alc. and ether. By dry distn. at 200°, 33.8% coke resulted. A qual. test for V was pos.

D. W. Pearce

EWGER, I.

"Management of Materials, A Connecting Link Between the Technological
and Purchasing Departments. Tr. from the German", P. 32. (TOBETERI ELES
Vol. 6, No. 2, Feb. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (FFAL), LC, Vol. 4,
No. 1, Jan. 1955, Uncl.

RUGG, D.S.; NAUMOVA, V.T. [translator]

Present state of cartography in the U.S.A. [abridged translation
from the German]. Geod. i kart. no.9:68-75 S'62. (MIRA 15:10)
(United States—Cartography)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100																																																																																																																																																																																	
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Gas-impermeable fabric. Magyar Ruggyantárgyár M. T. Hung. 118,847, Sept. 1, 1948. A fabric is built up of several alternate layers of cloth and rubber, at least one layer consisting of glue-contg., unmasticized rubber.																																																																																																																																																																																	
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RUGIENIUS, J.

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in rheumatic heart disease. Sve. k. apsaug. 8 no.2:12-20 F'63.

1. LTSR MA Eksperimentines medicinos institutas. Mokslinis
vadovas - prof. med. m. dr. J.Kupcinskas.

*

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10-17 '62.

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increasing the number of workers. Biol.nauch.inform:
trud i zar.plata 3 no.7:43-45 '60. (MIRA 13:8)
(Hours of labor) (Tekeli--Zinc industry)
(Tekeli--Lead industry)

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MICU, I., dr.; OVANESCU, A., dr.; ANDRONOVICI, G., dr.; BRAUNER, E.,
dr.; RADULESCU, A., dr.; DIMITRIU, St., dr.; DIMITRIU, A., dr.;
RUGINA, N., dr.; BLINDU, P., dr.

Receptivity to scarlet fever assessed by Dick's reaction with
fractional doses of purified toxin. Microbiologia (Bucur) 6
no. 1:69-76 Ja-F '62.

1. Institutul "Dr. I. Cantacuzino" si Spitalul "Izolarea" din
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BALMUS, P., conf.; CARASIEVICI, V., dr.; MAGERU, V., dr.; BRAIER, R., dr.;
ADRIAN, V., dr.; NUBERT, G., dr.; RUGINA, V., dr.;
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of the upper extremities. Med. intern. 15 no.7:809-815 JI '63.

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(ELECTROTHERAPY)

BALMUS, P., conf.; MAGERU, V., dr.; NUBERT, Gr., dr.; CARASIEVICI, V., dr.;
RUGINA, V., dr.; POPOVICI, N., dr.; ANDRIAN, V., dr.; BRAIER, R.,
dr.; MOISE, B., dr.; POLAK, S., dr.

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generalized articular chondrocalcinosis. Med. intern. 14 no.8:
985-991 Ag '62.

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conf. P. Balmus).

(JOINT DISEASES)	(CARTILAGE)	(CALCINOSIS)
(PHOSPHORUS ISOTOPES)	(PHOSPHORUS METABOLISM DISORDERS)	

BALBUS, P., prof.; CARASIEVICI, V., dr.; POPOVICI, N., dr.; NUBERT, Gr.,
dr.; ADRIAN, V., dr.; RUGINA, V., dr.; BRAIER, R., dr.

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poietica. Modifying action of balneophysiotherapy. Med. intern.,
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(RESPIRATION) (EXERCISE THERAPY)

FRANCHE, M., prof.; BRAUNER, E., dr.; HUGINA, V., dr.; POPOVICI, S., chimista;
LEON, A., interna

Corticotherapy of epidemic hepatitis in diabetics. Med. int.,
Bucur., 12 no.1:55-61 Ja '60.

(HEPATITIS INFECTIOUS, therapy)

(DIABETES MELLITUS, complications)

(ADRENAL CORTEX HORMONES, therapy)

RUGNO, L.M. [Ruhno, L.M.], ekonomist

In response to the concern of the Party. Mekh. sil'. hos. 9
no. 4:3-4 Ap '58.

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(Belaya Tserkov District--Repair and supply stations)

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Technical progress in the construction industry of the Opole
Voivodeship. Przegl techn 85 no. 42:9 13 0 '64.

FRONCZAK, Antoni, doc. dr inż.

Four parameters of recovery voltages in Polish networks. Inst.
elektrotech prace 11 no.33:1-19 '63

1. Zakład Wielkich Prądów, Instytut Elektrotechniki, Warszawa.

..JH..JH,

E. I. ALIQUA, North Caucasian Univ Inst Coll Sci Papers,
1923, n. 1, 142-146

USSR/Cultivated Plants - Grains.

11-4

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39231

Author : Dudkov, A.F., Ruguzov, A.I.

Inst : -

Title : Corn Growing in Kabardinskaya ASSR.

Orig Pub : V sb.: Kukuruza v 1955 g. Vyp. 6, M., Sel'khozgiz, 1956,
155-165.

Abstract : The high yielding capacity of the inter-strain hybrids VIR
42 [VIR - All-Union Plant Cultivation Institute] and VIR
25 is shown by the Kabardinskaya agricultural experiment
station and by variety-testing plots of the Kabardinskiy
ASSR. Corn agrotechny (peculiarities of corn grown with
irrigation, the influence of fertilizer on the yield), is
developed. A green conveyor method for the kolkhozes of
sub-mountainous regions of the republic is developed. --
Ye. T. Zhukovskaya

Card 1/1

RUZOV, A. M.
L. I. ANTONOV, Severo Kavkazskii Zernovol Inst. (North Caucasian Grain Inst.)
Collection of Sci. Papers No. 1, 142-6(1933)

POYAN, P.S.; MARTIN, V.B.; RUCCIO, L.A.

Maintaining the reservoir pressure in the Gek-Sat oil field.
Ref. No. 43 00.440-52 45 185. (MIRA 19:4)

RUGYI, Gyorgy dr.

Giant bronchogenic air cyst in 4 month old infant. Tuberk.
kerdesei 9 no.1:20-21 Feb 56

1. A csornai Jarasi Korhaz (igazgato foorvos: keviczky Pal dr.)
Csacsemo es gyermekosztalyanak (foorvos: Bugyi Gyorgy dr.)
kozlemenye.

(LUNGS, cysts

giant bronchogenic air cyst in 4 month old inf.(Hun))

(CYSTS

lungs, giant bronchogenic air cyst in 4 month old inf. (Hun))

RUHL, L.

TECHNOLOGY

KOZLEKEDESI KOZLONY (Hungary. Kozponti Szallitasi Tanacs. Budapest.)

RUHL, L.: Evolution of inland and sea navigation in Switzerland and Hungarian experiences. p. 776.

Vol. 14, no. 48, Nov. 1959.

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March 1959, Unclass.

RUHLE, Edward, prof.

Institute of Geology and its 10th anniversary, 1953-1963.
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1. Dyrektor Instytutu Geologicznego, Warszawa.

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Ways of realizing technical progress in geology.
Nauka polska 12 no. 3:23-27 My-Je '64.

RUMLE, Edward

Participation of Polish geologists in the cartographic works of
the International Congress of Geology. Nauka polska 12 no.4:182-
185 J1-Ag '64.

1. Institute of Geology, Warsaw.

RUHLE, Edward, prof.

The Geological Institute; ten years 1953-1962. Review Pol
Academy 9 no.2:48-65 Ap-Je '64.

1. Director, Geological Institute, Warsaw.

RUHLE, Edward

Stanislaw Doktorowicz-Hrebnicki. Nauka polska 10 no.3:31-34
My-Je '62.

1. Instytut Geologiczny, Warszawa.

RUHLE, E.

TECHNOLOGY

PERIODICAL: PREZGLAD GEOLOGICZNY. VOL. 6, NO. 11, NOV. 1953.

Ruhle, E, Institutes of geologic sciences in the Soviet Union. p. 469.

Monthly List of East European Accessions (EEAI) LC VOL. 3, no. 4
April 1959, Unclass.

RUHLE, E.

Geologic research in connection with prospecting for natural gas and oil
in the Western Siberian basin. p. 551

(PRZEGLAD GEOLOGICZNY. Vol. 4, no. 12, Dec. 1956, Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957.
Uncl.

RUHLE, H.

Prestressing foundations of high reinforced-concrete towers. p. 157.

(INZYNIERIA I BUDOWNICTWO, Vol. 14, No. 4, Apr. 1957. Warszawa, Poland.)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

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TECHNOLOGY

Periodical: IZVESTIYA. No. 5/6, 1958.

RUHLE, H. One the affect of forecd stresses in constructions of prefabricated-reinforced concrete. p. 79.

Monthly List of East European Accession (EEAI), LC., Vol. 8, No. 2,
February 1959, Unclass.

RUHLE, H.

Construction of statically undetermined structures by means of the subsequent strengthening and binding of prefabricated concrete elements. p. 133. Vol. 4, No. 3, 1955. MAGAR EPITOIPAR. Budapest, Hungary.

SOURCE: East European List, (EEAL) Library of Congress Vol. 6, No. 1 January 1956.

COUNTRY : USSR
CATEGORY :

ABST. JOUR. : RZBiol., No. 1, 1959, No. 363

AUTHOR : Kuybyshev, Yu. P.
: Kuybyshev Medical Institute
TITLE : Seasonal changes in biomass of zooplankton of the
: Volga River in the Area of Construction of
: Kuybyshev Hydroelectric Station.
ORIG. PUB. : Tr. Kuybyshevsk. med. in-ta, 1957, 7, 52-72

ABSTRACT : Seasonal changes in biomass of zooplankton
: and in its runoff. Highest runoff is observed in May
: (47.7% of the annual) and in June (47.7% of the annual).

CARD:

RUHMANN, J.

Manufacturing steel pipes in Hungary. (To be contd.) p.362

KOHASZATI LAPOK. (Magyar Banyaszati es Kohasziati Egyesulet)
Budapest, Hungary
Vol. 13, no.8, Aug. 1958

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no.7, July 1959
Uncl.

RUHMANN, J.

Manufacturing steel pipes in Hungary. p.422

KOHASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet)
Budapest, Hungary
Vol. 13, no.9, Sept. 1958

Monthly List of East European Accessions (EEAI) IC., Vol. 8, no.7, July 1959

Uncl.

RUHMANN, Jeno

Remark about the article by Dr. Jozsef Vero entitled "Stylistic errors in technical texts." Koh lap 97 no.1:56 Ja'64.

1. "Kohaszati Lapok" szerkeszto bizottsagi tagja.

RuHowicz, K.

3840

033.853.494 : 543.81 : 685.334.9

Ruhowicz K. The Average Moisture Content of Rape-Seeds Supplied to
Industry and Originating from Different Years of the Campaign. AG

„Przeciętne wilgotności rzepaków dostarczanych przemysłowi w kil-
ku latach kampanijnych”. (Prace Gł. Inst. Przem. Roln. i Spoż. No. 1),
Warszawa, 1954, WPI, 5 pp., 2 figs., 4 tabs.

By putting together the results of some years of investigations over
the moisture content of rape-seeds from different districts of Poland
with the average values of relative moisture, the relationship of these
two factors was established. This relationship was worked up statistic-
ally and diagrammatically.

RUHOWICZ, A.

Oil solutions of carotene and their applications. Ruhowicz and H. Jarmolowicz (Zaklad, Olsow. I. Tuzow, GIPRIS, Warsaw). *Praca Glownego Inst. Przemyslu Rolnego i Spozyczego* 3, No. 3, 1-12(1964) (English summary). Carotene (I) was extd. by beechnut oil, hazelnut oil, peanut oil, and rapeseed oil from the I-contg. albumin sediment which settles in raw carrot juice. These exts. were kept at room temp. (17-23° depending upon the time of the year); they contained 0.250-1.347 mg. I/ml. and this assay remained practically unchanged for a long time (av. loss 7.7% over 4 months) if such solns. were protected with paraffin and CO₂. Exposure to sunlight caused a rapid decrease of I to 23.7% of the original value, but if an antioxidant were present, the amt. dropped to 45.8% only (typical expt.). These statements held true for all the oils used. These solns. were added to butter (II) and margarine (III) so that 2-8% I was present per g. of II or III. If I were kept in the dark at 0°, no loss of I could be found in II or III after 3.6 months, but there was a loss of 2-20% if the II or III were exposed to light, and a loss of 4-12% if an ordinary household refrigerator (not 0°) were used. The coloration was always satisfactory. Werner Jacobson

(1)

RUHOWICZ, K.

Berger, S.; Ruhowicz, K.

"Action of carotene (pro-vitamin A) in oil solutions; a preliminary report." p. 502
(Roczniki, No. 4, 1953, Warsaw)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June.
1954, Uncl.

RUHOWICZ, K.

POL.

3182

000.3 : 001.3033.94 : 577.16 : 547.97

Ruhowicz K., Jarmolowicz H. Carotene Solutions in Vegetable Oils.

„Odczajawie rozciwory karotenu i ich zastosowanie". (Prace Gl. Inst. Przem. Roln. i Spoż. No. 3), Warszawa, 1934, PWT, 12 pp., 22 tabs.

Research was carried out over the faculty of certain vegetable oils to extract carotene from albuminous carotene sediment obtained from raw carrot juice. The solutions so obtained were used as a colouring in margarine and butter. The proportion of carotene added varied from 2 to 3 γ per gramme of margarine. The experiments proved carotene to be an eminently suitable medium for colouring both margarine and butter. Certain physical, chemical and organoleptic changes occurring in the oily solutions of carotene, as well as in margarine and butter to which carotene had been added as a colouring and which were stored in varying conditions — in refrigerators, in daylight etc. — were determined.

See also: 3070, 3085, 3086, 3170, 3200, 3202, 3207, 3210, 3223.

Rutkowicz, K.

2035
633.13 : 577.21 : 577.16 547.912
Rutkowicz, K.

Obtaining Carotene Oil Solutions from Carrots.
"Otrzymywanie olejowych roztworów karotenu z marchwi" (Prace
Gr. Inst. Przem. Roln. i Spoż. No. 2), Warszawa, 1952, PWT 155 pp.,
19 tabs.

Investigations over obtaining carotene oil solutions from carrots were carried out by means of five different methods. Common market carrots, non selected, with varying intensity of colour were used for these investigations. As a starting point for evaluating the carrots, the carotene yield per unit of cultivated area should be taken and not — as hitherto — the yield of roots per unit of cultivated area. In the trial tests, three kinds of vegetable oils were used: refined industrial rape-seed oil, refined industrial sunflower-seed oil and non-refined beech oil obtained in the Oil Division of GIPRI (Warsaw Polytechnic). The best results as regards carotene extraction were obtained with the beech oil, the worst with refined sunflower-seed oil. As to the yield of carotene, the best results, from among the five methods for the preparation of carotene oil solutions, were obtained by extracting boiled carrots, with oil. This method is, however, very troublesome and expensive because of the considerable amount of products to be treated, high losses of oil, difficulties in utilizing the oily carrot refuse and the time required for extraction. The method of extraction from the carrot juice precipitate proved to be the most practical. Although the yield is lower than in the method already described, the process itself can be easily carried out. In the method of extracting the boiled carrot with oil, great difficulties are involved in working with the remaining pulp containing in laboratory conditions about 30% of oil. In the process of extracting the carrot juices precipitate, all waste products are valuable for further use — for example, in preparing syrup, alcohol, yeast, food and forage products.

RUBS, F.

RUBS, F. A special Redel skew product in the theory of groups.
In German. p. 160.

Vol. 16, No. 3/4, Dec. 1955
ACTA SCIENTIARUM MATHEMATICARUM
SCIENCE
Szeged, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

RUIBIENE, E.

Some immunological and biochemical indices in children with rheumatism and with chronic tonsillitis. Sveik. spsaug. no.7:7-12 '62.

1. LTSR MA Eksperimentines medicinos institutas.
(RHEUMATISM) (TONSILLITIS) (BLOOD PROTEINS)
(BLOOD SEDIMENTATION)

RUIBYS, S.

Modification of the serum glycoprotein level in rheumatism. Sveik.
apsaug. no.9:17-23 '62.

1. LTSR MA Eksperimentines medicinos institutas.
(GLYCOPROTEINS) (RHEUMATISM)

RUM/9-11-5-14/39

25(1,5), 28(1)

AUTHOR:

Ruican, Gavrilă, Engineer

TITLE:

Research on the Specific Data Determining the Applicability of Flow-Layer Butt-Joint Welding for Sheet Constructions

PERIODICAL:

Metalurgia si Constructia de Masini, 1959, Vol 11, Nr 5, pp 422-432 (Rumania)

ABSTRACT:

The author presents research data obtained on Rumanian made automatic welding machines of the type ADS-1000, Kjelberg, in order to arrive at criteria of correct welding of butt joints. Results of tests on the machine type TS-17 are also utilized. The author finds that the welding of sheet up to 12 mm thick can be made on both types of machines. For sheets above 12 mm in the case of one-side welding on machine ADS-1000 the joint edges must be cut by 35 to 50°. This measure is not necessary for the machine TS-17. The joining of sheets of 12 to 15 mm thickness should be made preferably by two-side welding. For thicknesses above 15 mm, welding with TS-17 slanted edges of the ✓

Card 1/2

Research on the Specific Data Determining the Applicability of
Flow-Layer Butt-Joint Welding for Sheet Constructions

RUM/9-11-5-14/39

joining are required. For high-stress parts multi-layer welding is necessary. Lengthwise joints, particularly for thick sheets, are preferably welded with the machine ADS-1000 in one or more layer seams. Ring-shaped seams are preferably made with the machine TS-17, since the great penetration power ensures the achievement of the seams in a single passing of the arc. Based on the tests described, the operation plans have been established for welding in the ranges under 12 mm, 12-15 mm, 15-20 mm, and above 20 mm for longitudinal and circular seams. There are 8 tables, 4 photographs, 2 diagrams and 7 references, 3 of which are Soviet, 2 German, 1 Czech and 1 Rumanian. ✓

Card 2/2

RUICAN, G.

TECHNOLOGY

Periodicals: METALURGIA SI CONSTRUCTIA DE MASINI Vol. 10, no. 5, May 1958

RUICAN, G. Application of welding methods in the manufacture of the equipment for the petroleum industry. p. 394

Monthly List of East European Accessions (EEAI) IC, Vol. 8, No.2,
February 1959, Unclass.

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PRECEDENCE AND PRIORITY																										CLASSIFICATION																									
CA The new oil deposits in the Ural Mountains area. P. M. Ruikov and E. V. Pemyakov. <i>Neft</i> 5, No. 15, 3-4(1934). A crude oil discovered near Perm when drill- ing for water had the following properties: sp. gr. 0.840, excess resins 45, S (Eschka) 3.1%; Gliniskii distn.: Initial b. p. 119°; between 119° and 130° 2% distills; between 130° and 212° 4% distills. The oil is low in aro- matic hydrocarbons. A. A. Bochtlinch																										72																									
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																										6-2																									

CA

14

Softening water. A. K. Rukovskii and N. P. Nave-
lenko. Russ. 38,048, July 31, 1931. Glaucinite for use
in water softening is stabilized and made suitable for a
base-exchange material by first heating under ordinary or
increased pressure in the presence or absence of air to
(10) (10)*.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

Diffraction of slow electrons by an aluminum single crystal. A. N. Rujlov. *J. Exptl. Theoret. Phys.* (U. S. S. R.) 9, 870-80 (1939). — The elastic dispersion of 10-150-v. electrons by a recrystd. Al single crystal with an angle of incidence of 26° at temps. of 20-200° gives 14 diffraction beams for an angle of observation of 26° and 22 for the angles of observation 7 and 45° . These beams cannot be explained by the Bragg formula and are apparently analogous to the fine-structure electron diffraction found by Farnsworth (C. A. 30, 5890²). As for F.'s data on Ag and Cu, the sq. roots of the voltages for the various beams are proportional to odd nos.; asymmetric receivers yield 2 groups, symmetric, a single group of beams obeying this law. The equation $q = k_0 - k = \text{const.}$, where k_0 and k are the wave vectors for the incident and dispersed beams, resp., also holds in both cases. F. H. Rathmann

Distr: LE2c

✓ Physicochemical properties of smelter dust and the strength of the deposits of fine iron dust. ~~See below~~
~~by the author~~ ~~1955~~ ~~1956~~ ~~1957~~ ~~1958~~ ~~1959~~ ~~1960~~ ~~1961~~ ~~1962~~ ~~1963~~ ~~1964~~ ~~1965~~ ~~1966~~ ~~1967~~ ~~1968~~ ~~1969~~ ~~1970~~ ~~1971~~ ~~1972~~ ~~1973~~ ~~1974~~ ~~1975~~ ~~1976~~ ~~1977~~ ~~1978~~ ~~1979~~ ~~1980~~ ~~1981~~ ~~1982~~ ~~1983~~ ~~1984~~ ~~1985~~ ~~1986~~ ~~1987~~ ~~1988~~ ~~1989~~ ~~1990~~ ~~1991~~ ~~1992~~ ~~1993~~ ~~1994~~ ~~1995~~ ~~1996~~ ~~1997~~ ~~1998~~ ~~1999~~ ~~2000~~ ~~2001~~ ~~2002~~ ~~2003~~ ~~2004~~ ~~2005~~ ~~2006~~ ~~2007~~ ~~2008~~ ~~2009~~ ~~2010~~ ~~2011~~ ~~2012~~ ~~2013~~ ~~2014~~ ~~2015~~ ~~2016~~ ~~2017~~ ~~2018~~ ~~2019~~ ~~2020~~ ~~2021~~ ~~2022~~ ~~2023~~ ~~2024~~ ~~2025~~ ~~2026~~ ~~2027~~ ~~2028~~ ~~2029~~ ~~2030~~ ~~2031~~ ~~2032~~ ~~2033~~ ~~2034~~ ~~2035~~ ~~2036~~ ~~2037~~ ~~2038~~ ~~2039~~ ~~2040~~ ~~2041~~ ~~2042~~ ~~2043~~ ~~2044~~ ~~2045~~ ~~2046~~ ~~2047~~ ~~2048~~ ~~2049~~ ~~2050~~ ~~2051~~ ~~2052~~ ~~2053~~ ~~2054~~ ~~2055~~ ~~2056~~ ~~2057~~ ~~2058~~ ~~2059~~ ~~2060~~ ~~2061~~ ~~2062~~ ~~2063~~ 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V. E. BAIKOV

V. E. BAIKOW

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